

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"3522158".pn. "20070163735".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/27 15:14
L2	4	"3522158".pn. "20070163735".pn. "5482514".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/07/27 15:16
S1	27	((PRASAD) near2 (DUGGIRALA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/08/25 11:47
S2	20	((SERGEY) near2 (SHEVCHENKO)).INV.	US-PGPUB; USPAT	OR	OFF	2008/08/25 11:47
S3	3	(linolenic linoleic) and photoyellowing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 12:08
S4	2431	(linolenic linoleic) and yellowing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 12:09
S5	0	(linolenic linoleic) and "brightness reversion"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 12:09
S6	4	(linolenic linoleic) and "brightness reversion"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 12:09
S7	312	(linolenic linoleic) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 12:12
S8	64	(linolenic linoleic) and "162".clas. and brightness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 12:13
S9	0	"brightness reversion" and (oxidation or oxidant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 12:20
S10	75	"brightness reversion" and (oxidation or oxidant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 12:20

S11	17	"brightness reversion" and (oxidation or oxidant) and antioxidant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 12:37
S12	8	("20020056534"   "5035772"   "6319361"   "6599326").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 13:31
S13	15	("3017316"   "3068141"   "3393122"   "4008121"   "4339238"   "4401810").PN. OR ("5035772").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/25 13:34
S14	9	("6187136" "6045656" "4183989" "4037007" "5846788" "5120776" "5008310" "4045959" "5211810" "200402099052").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/25 13:37
S15	3	("4432921"   "5203964").PN. OR ("6187136").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/25 13:39
S16	0	((linolenic linoleic) same antioxidant and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:22
S17	1	((linolenic linoleic) same antioxidant and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:23
S18	64	((linolenic linoleic) and "162".clas. and brightness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:23
S19	0	((linolenic linoleic) same UV-absorber) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:25
S20	0	((linolenic linoleic) same UV same absorber) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:25
S21	0	((linolenic linoleic) same UV) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:25
S22	1	((linolenic linoleic) same antioxidant) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:26

S23	0	((linolenic linoleic) same stilbene) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:26
S24	1	((linolenic linoleic) same reversion) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:26
S25	415	((linolenic linoleic) same UV)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:27
S26	3	((linolenic linoleic) same UV) and brightness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:27
S27	1165	((linolenic linoleic)) and pulp and additive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:29
S28	78	((linolenic linoleic)) and pulp and additive and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:29
S29	2	((linolenic linoleic)) and "reversion inhibitor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:34
S30	2727	((linolenic linoleic)) and pulp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:35
S31	43	((linolenic linoleic)) and pulp and reversion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:35
S32	63	((linolenic linoleic)) and pulp and UV and absorber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 14:36
S33	6	((linolenic linoleic)) and pulp	JPO	OR	OFF	2008/08/25 15:04
S34	14	((linolenic linoleic)) and paper	JPO	OR	OFF	2008/08/25 15:05
S35	414	((linolenic linoleic)) and "UV absorber"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 15:07

S36	8	"fatty acid" and "reversion inhibitor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 15:13
S37	3	"fatty acid" and "UV absorber" and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 15:14
S38	0	"photoyellowing" and (oxidation or oxidant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 17:10
S39	32	"photoyellowing" and (oxidation or oxidant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 17:10
S40	32	"photoyellowing" and (oxidation or oxidant or oxidizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 17:18
S41	7	"photo-yellowing" and (oxidation or oxidant or oxidizing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 17:19
S42	266	"reversion" and (oxidation or oxidant or oxidizing) and pulp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 17:19
S43	2	"20030208859".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 17:52
S44	5	"2527563".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 17:55
S45	2	"5223090".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 17:56
S46	2	"5759349".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 17:56
S47	446	"optical brighteners" and bonding and pulp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 18:08

S48	0	"optical brighteners" and fixation and pulp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 18:08
S49	40	"optical brighteners" and fixation and pulp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/25 18:08
S50	5399	grafting and (oxidation oxidative oxidate oxidant) and cellulose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 08:38
S51	25	grafting and (oxidation oxidative oxidate oxidant) and cellulose and "162". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 08:38
S52	9	("6187136" "6045656" "4183989" "4037007" "5846788" "5120776" "5008310" "4045959" "5211810" "200402099052").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 09:33
S53	0	S52 and linoleic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 09:33
S54	0	S52 and linolenic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 09:33
S55	3	("4432921"   "5203964"). PN. OR ("6187136"). URP.N.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 09:34
S56	0	grafting and (oxidation oxidative oxidate oxidant) and cellulose and "162". clas. and linoleic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 09:40
S57	2	grafting and cellulose and "162".clas. and linoleic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 09:40
S58	2	grafting and cellulose and "162".clas. and linolenic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 09:42
S59	62	(linolenic linoleic) and "162" clas. and "wet strength"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 09:48
S60	7	(("LARS SAABY") near2 (PEDERSEN)).INV.	US-PGPUB; USPAT	OR	OFF	2008/08/26 10:17
S61	16	("2485587"   "3093607"   "4432921"   "5424382"   "5530112").PN. OR ("5846788").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 10:20

S62	0	S61 and linoleic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 10:27
S63	0	S61 and linolenic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 10:28
S64	12	("2388487"   "3686383"   "3900334"   "4007312"   "4022965"   "4409170"   "4454005"   "4496718"   "5021122"   "5846788"   "6245269").PN. OR ("7326317").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 10:28
S65	0	S64 and linoleic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 10:29
S66	0	S64 and linolenic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/26 10:29
S67	312	(linolenic linoleic) and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 11:24
S68	10	"oxidative coupling" and "162".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 11:26
S69	0	"oxidative coupling" and "162".clas. and carboxylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 11:30
S70	3	"oxidative coupling" and "162".clas. and carboxylic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 11:30
S71	2	"oxidative coupling" and "162".clas. and "fatty acids"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 11:31
S73	2229	(162/9 162/158).cccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 16:26
S74	180	(162/9 162/158).cccls. and oxidation	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 16:30
S75	12	(US-20020174964-\$ or US- 20050092452-\$ or US- 20060054290-\$).did. or (US-6824645-\$ or US- 6632328-\$ or US- 5472486-\$ or US- 5529660-\$ or US- 6136041-\$ or US- 6187136-\$ or US- 7326317-\$ or US- 6287708-\$ or US- 6207009-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/08/29 09:21

S76	0	((US-20020174964-\$ or US-20050092452-\$ or US-20060054290-\$).did. or (US-6824645-\$ or US-6632328-\$ or US-5472486-\$ or US-5529660-\$ or US-6136041-\$ or US-6187136-\$ or US-7326317-\$ or US-6287708-\$ or US-6207009-\$).did.) and eugenol	US-PGPUB; USPAT	OR	OFF	2008/08/29 09:22
S77	0	((US-20020174964-\$ or US-20050092452-\$ or US-20060054290-\$).did. or (US-6824645-\$ or US-6632328-\$ or US-5472486-\$ or US-5529660-\$ or US-6136041-\$ or US-6187136-\$ or US-7326317-\$ or US-6287708-\$ or US-6207009-\$).did.) and isoeugenol	US-PGPUB; USPAT	OR	OFF	2008/08/29 09:22
S78	1	((US-20020174964-\$ or US-20050092452-\$ or US-20060054290-\$).did. or (US-6824645-\$ or US-6632328-\$ or US-5472486-\$ or US-5529660-\$ or US-6136041-\$ or US-6187136-\$ or US-7326317-\$ or US-6287708-\$ or US-6207009-\$).did.) and gallate	US-PGPUB; USPAT	OR	OFF	2008/08/29 09:22
S79	24	gallate and "162".clas.	US-PGPUB; USPAT	OR	OFF	2008/08/29 09:31
S80	14	eugenol and "162".clas.	US-PGPUB; USPAT	OR	OFF	2008/08/29 09:47
S81	65	grafting and hydrophobic and "162".clas.	US-PGPUB; USPAT	OR	OFF	2008/08/29 09:50
S82	2	grafting and hydrophobic and "162".clas. and laccase	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 09:51
S83	1	graft and hydrophobic and "162".clas. and laccase	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 09:52

S84	3	coupling and hydrophobic and "162".clas. and laccase	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 09:53
S85	55	graft and hydrophobic and cellulose and laccase	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 11:08
S86	1	"6425401".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 13:21
S87	1	"6202649".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 13:22
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S90	1	("20030041965" "20040054372" "20040244164" "20050225009" "20070160654" "20070164468" "20080075900" "4271116" "4297409" "4346135" "4410586" "4421827" "4427735" "4461842" "4569114" "4573517" "4613393" "4764422" "4770838" "4783349" "4818633" "4843946" "4861679" "4871412" "4891084" "4891179" "4919992" "4928745" "4979992" "5053175" "5066536" "5180633" "5219642" "5230946" "5230951" "5236321" "5236458" "5240654" "5242746" "5249620" "5261462" "5266609" "5288547" "5370918" "5376701" "5378500" "5380583" "5435867" "5475904" "5477092" "5492719" "5503893" "5503928" "5521015" "5536533" "5546648" "5567518" "5580646" "5641252" "5643663" "5658510" "5662761" "5665573" "5675837" "5700417" "5709829" "5717263" "5728336" "5747137" "5753062" "5806796" "5814389" "5829373" "5869767" "5879778" "5897922" "5922163" "5922460" "5922626" "5925461" "5932496" "5933703" "5948706" "6007468" "6027786" "6077607" "6079351" "6103007" "6106650" "6118042" "6129951" "6177146" "6180223" "6200197" "6206742" "6346165" "6365077" "6451153" "7210206" RE31960 "3554212" "3554286" "3554379" "3557852" "3565176" "3573858" "3578834"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 15:27
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S93	5	("20030041965" "20040054372" "20040244164" "20050225009" "20070160654" "20070164468" "20080075900" "4271116" "4297409" "4346135" "4410586" "4421827" "4427735" "4461842" "4569114" "4573517" "4613393" "4764422" "4770838" "4783349" "4818633" "4843946" "4861679" "4871412" "4891084" "4891179" "4919992" "4928745" "4979992" "5053175" "5066536" "5180633" "5219642" "5230946" "5230951" "5236321" "5236458" "5240654" "5242746" "5249620" "5261462" "5266609" "5288547" "5370918" "5376701" "5378500" "5380583" "5435867" "5475904" "5477092" "5492719" "5503893" "5503928" "5521015" "5536533" "5546648" "5567518" "5580646" "5641252" "5643663" "5658510" "5662761" "5665573" "5675837" "5700417" "5709829" "5717263" "5728336" "5747137" "5753062" "5806796" "5814389" "5829373" "5869767" "5879778" "5897922" "5922163" "5922460" "5922626" "5925461" "5932496" "5933703" "5948706" "6007468" "6027786" "6077607" "6079351" "6103007" "6106650" "6118042" "6129951" "6177146" "6180223" "6200197" "6206742" "6346165" "6365077" "6451153" "7210206" RE31960 "3554212" "3554286" "3554379" "3557852" "3565176" "3573858" "3578834"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 15:28
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S94	1	polyacrylate near size and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 16:37
S95	21	polyacrylate same hydrophobic and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 16:38
S96	2	"5885340" and cationic	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 16:39

S97	936	cationic same size and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 16:40
S98	33	cationic and hydrophobic and non-reactive and size and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 17:24
S99	1	"5,498,648".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/29 17:26
S100	14	(US-20020174964-\$ or US-20050092452-\$ or US-20060054290-\$).did. or (US-6824645-\$ or US-6632328-\$ or US-5472486-\$ or US-5529660-\$ or US-6136041-\$ or US-6187136-\$ or US-7326317-\$ or US-6287708-\$ or US-6207009-\$ or US-5424382-\$ or US-5665573-\$).did.	US-PGPUB; USPAT	OR	OFF	2008/09/02 10:39
S101	1	S100 and gallate	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/02 10:39
S102	0	S100 and eugenol	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/02 10:41
S103	1	"6830657".PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/02 10:45
S104	2	"6830657"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/02 11:16
S105	2	betuline and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:09
S106	39848	betulinol\ and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:12
S107	2	betulinol and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:12
S108	1	kaempherol and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:12
S109	12	quercetin and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:13
S110	181	(quercetin betuline betulinol) and whitening	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:19
S111	94	(quercetin betuline betulinol) and fixation and cellulose	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:20

S112	14	("2388487"   "4007312"   "4087318"   "4432921"   "5266214"   "5268141"   "5356539"   "5470614"   "5525008"   "5716528"   "6046375"   "6258207"   "6287708").PN. OR ("7396974").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 10:23
S113	2	(quercetin betuline betulinol) and fixation and lignocellulose	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 14:24
S114	10	(quercetin betuline betulinol) and fixation and pulp	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 14:24
S115	4	(quercetin betuline betulinol) and oxidation and lignocellulose	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/08 14:25
S116	4	(quercetin betuline betulinol) and oxidation and lignocellulose	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/08 14:25
S117	563	(quercetin betuline betulinol) and oxidation and phenol	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/08 14:25
S118	61	(quercetin betuline betulinol) and oxidation and lignin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/08 14:26
S119	9	(quercetin betuline betulinol) and fixation and lignin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/08 14:29
S120	5	(quercetin betuline betulinol) and grafting and lignin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/08 14:30
S121	7	(quercetin betuline betulinol) and graft and lignin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/08 14:30
S122	2	("5211810"   "6187136").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 12:58
S123	2	polyaniline and grafting and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 13:08
S124	1	polyaniline and graft and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 13:08
S125	1	(polyaniline polypyrrole polythiophene polyacetylene) and graft and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 13:09

S126	2	(polyaniline polypyrrole polythiophene polyacetylene) and grafting and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 13:09
S127	0	(polyaniline polypyrrole polythiophene polyacetylene) and coupling and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 13:09
S128	11	(polyaniline polypyrrole polythiophene polyacetylene) and conductive and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 13:09
S129	3	(polyaniline polypyrrole polythiophene polyacetylene) and conductive and "162".clas. and enzyme	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 13:14
S130	329	(polyaniline polypyrrole polythiophene polyacetylene) and conductive and enzyme and cellulose	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 13:14
S134	19	("4267420"   "4468291"   "4521450"   "4578433"   "4604427"   "4617228"   "4641005"   "4642331"   "4696835"   "4710400"   "4720393"   "4731311"   "4735513"   "4803096"   "4806204"   "4864089"   "4876423"   "4892782"). PN. OR ("5211810"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 10:02
S135	18	("4267420"   "4468291"   "4521450"   "4578433"   "4604427"   "4617228"   "4641005"   "4642331"   "4696835"   "4710400"   "4720393"   "4731311"   "4735513"   "4803096"   "4806204"   "4864089"   "4876423"   "4892782"). PN. OR ("5211810"). URPN. and enzyme	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 10:03

S136	0	((("4267420"   "4468291"   "4521450"   "4578433"   "4604427"   "4617228"   "4641005"   "4642331"   "4696835"   "4710400"   "4720393"   "4731311"   "4735513"   "4803096"   "4806204"   "4864089"   "4876423"   "4892782"). PN. OR ("5211810"). URP.N.) and enzyme	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 10:03
S137	0	((("4267420"   "4468291"   "4521450"   "4578433"   "4604427"   "4617228"   "4641005"   "4642331"   "4696835"   "4710400"   "4720393"   "4731311"   "4735513"   "4803096"   "4806204"   "4864089"   "4876423"   "4892782"). PN. OR ("5211810"). URP.N.) and laccase	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 10:03
S138	782	conductive and monomer and grafting and cellulose	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 13:07
S139	209	conductive and monomer and grafting and cellulose and enzyme	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 13:07
S140	4	conductive and monomer and grafting and cellulose and laccase	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 13:07
S141	39	conductive and monomer and grafting and cellulose and oxidase	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 13:08
S142	3	polyaniline and monomer and strength and oxidation and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:24
S143	10	aniline and monomer and strength and oxidation and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:31
S144	1	polyacetylene and monomer and strength and oxidation and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:34
S145	2	acetylene and monomer and strength and oxidation and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:34
S146	1	pyrrole and monomer and strength and oxidation and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:39
S147	1	polypyrrole and monomer and strength and oxidation and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:39

S148	3	thiophene and monomer and strength and (oxidation or oxidize) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:40
S149	3	thiophene and monomer and (internal strength) and (oxidation or oxidize) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:41
S150	0	thiophene and monomer and "internal strength" and (oxidation or oxidize) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:42
S151	1	monomer and "internal strength" and (oxidation or oxidize) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:42
S152	6	"internal strength" and (oxidation or oxidize) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:42
S153	0	acetylene and "internal strength" and (oxidation or oxidize) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:44
S154	0	acetylene and "strength" and (oxidation or oxidize) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:44
S155	0	polyacetylene and "strength" and (oxidation or oxidize) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:44
S156	0	polyacetylene and (oxidation or oxidize) and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:44
S157	0	polyacetylene and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:44
S158	4	polyacetylene and strength and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:45
S159	54	acetylene and strength and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:47
S160	19	acetylene and strength and "162".clas. and monomer	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:48
S161	40	aniline and strength and "162".clas. and monomer	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 14:56
S162	14	aniline and "wet strength" and "162".clas. and monomer	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:02
S163	6	thiophene and "wet strength" and "162".clas. and monomer	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:08
S164	6	acetylene and "wet strength" and "162".clas. and monomer	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:09



S165	0	polypyrrole and "wet strength" and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:19
S166	0	polythiophene and "wet strength" and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:20
S167	760	polyacrylamide and "wet strength" and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:21
S168	8	polyacrylamide and "wet strength" and "162".clas. and conductive	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:21
S169	0	polyamine and conductive and monomer and strength and oxidation and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:24
S170	44516	polyamine and conductive "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:25
S171	27	polyamine and conductive and "162".clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:25
S172	92	polyamine and conductivity and "162". clas.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/22 15:32

**EAST Search History (Interference)**

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**7/ 27/ 2011 4:55:29 PM**

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oxidation fixation on cellulose for conducting polymer.wsp